KERN **TGC 1K-3**

Slim pocket balance with large stainless steel weighing plate and practical tare pan

Category

Brand	KERN
Product category	Laboratory balance
Product group	Pocket balance
Product family	TGC

Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	1000 g
Readability [d]	1 g
Reproducibility	3 g
Linearity	± 6 g
Resolution	1.000
Tare range	1000 g
Adjustment options	Adjusting with external weight
Recommended adjusting weight	750 g (M3)
Possible calibration points	1 kg
Stabilization time	2 s
Eccentric loading at 1/3 [Max]	3 g
Weighing capacity [Max] (ct)	5000 ct
Construction type of the scale	Single-range balance
Units	g gn dwt ozt ct oz
Maximum creep (15 minutes)	2 g
Maximum creep (30 minutes)	4 g
Default unit	g
Readability carat [d] (ct)	5 ct

Display

Display type	LCD
Display backlight	✓
Display digit height	12 mm
Languages of the user interface	Symbol language

Construction

Dimension housing (W×D×H)	100×130×18 mm
Dimensions weighing surface (Ø)	81 mm
Dimensions weighing surface	81 mm
Material housing	plastic
Material weighing plate	stainless steel
Material display housing	plastic

Functions

IP protection - complete device	-
Auto-off interval(s) in battery mode/rechargeable battery mode	4 min
Tare function	manual (multi)
Number of keys for operation	4

Power Supply

Supplied power supply	Battery
Battery / accumulator type	Li-Metal
Battery	2×CR2032
Battery connection	Pad + Spring
Battery operating time - backlight on	8,75 h
Battery operating time - backlight off	22 h
Battery operating time	8,75 h
Battery capacity	210 mAh
Battery voltage	6 V
Battery – Number of cells	2
Battery – Individual weight	1740 g
Battery – Total weight	3480 g
Battery – Construction	Individual cells
Battery capacity (Wh)	0,63 Wh
Battery – Lithium content	110 mg
Battery – Tests passed UN 38.3	✓
Battery/Accu connected	not connected, enclosed

Environmental conditions

Ambient temperature [Min]	0 °C
Ambient temperature [Max]	40 °C
Humity of environment [Min]	80 %
Humity of environment [Max]	90 %

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Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Approval

CE mark	✓

Services (optional)

Article number for adjustment at the location of installation	961-247
Article number for DAkkS calibration	963-127
Article number for certificate of conformity	969-517

Packing & Shipping

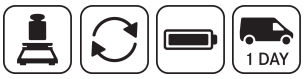
Delivery time	1 d
Dimensions packaging (W×D×H)	100×130×16,5 mm
Shipping method	Parcel service
Net weight approx.	0,15 kg
Gross weight approx.	0,35 kg
Shipping weight	0,318 kg
Shipping volume weight	0,1 kg

Product information

GTIN/EAN number	4045761214255
Trade number	84238129
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION